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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 7

## **Complete if Known**

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Chih-Ming Chen
Art Unit	
Examiner Name	
Attorney Docket Number	141-201A

## **U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
S.T.	AA	us-4,045,563	08-30-1977	Berntsson et al.	
	AB	us-4,045,564	08-30-1977	Berntsson et al.	
	AC	us-4,182,766	01-08-1980	Krasso et al.	
	AD	us-4,255,431	03-10-1981	Junggren et al.	
	AE	us-4,337,257	06-29-1982	Junggren et al.	
	AF	us-4,359,465	11-16-1982	Ruwart	
	AG	us-4,432,966	02-21-1984	Zeitoun et al.	
	AH	us-4,508,905	04-02-1985	Junggren et al.	
	AI	us-4,544,750	10-01-1985	Brandstrom et al.	
	AJ	us-4,620,008	10-28-1986	Brandstrom et al.	
	AK	us-4,636,499	01-13-1987	Brandstrom et al.	
	AL	us-4,686,230	08-11-1987	Rainer et al.	
	AM	us-4,738,974	04-19-1988	Brandstrom et al.	
	AN	us-4,786,505	11-22-1988	Lovgren et al.	
	AO	us-4,840,799	06-20-1989	Appelgren et al.	
	AP	us-4,853,230	08-01-1989	Lovgren et al.	
	AQ	us-5,045,321	09-03-1991	Makino et al.	
	AR	us-5,093,132	03-03-1992	Makino et al.	
	AS	us-5,093,342	03-03-1992	Tomoi et al.	
S.T.	AT	us-5,178,867	01-12-1993	Guittard et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
S.T.	CA	WO 85/03436	08-15-1985	Kjom et al.		
	CB	WO 95/01783	01-19-1995	Bengtsson et al.		
	CC	WO 95/10264	04-20-1995	Naoyuki et al.		
	CD	WO 95/12590	05-11-1995	Slemon		
	CE	WO 96/01612	01-25-1996	Veronesi		
	CF	WO 96/01622	01-25-1996	Bengtsson et al.		
	CG	WO 96/01623	01-25-1996	Bergstrand et al.		
	CH	WO 96/24375	08-15-1996	Depui et al.		
	CI	WO 96/02535	02-01-1996	Larsson et al.		
S.T.	CJ	CA 1,127,158	07-06-1985	Junggren et al.		

Examiner  
Signature

S.T.

Date  
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10/12/04

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1448A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Chih-Ming Chen
		Art Unit	
		Examiner Name	
Sheet 2 of 7	Attorney Docket Number	141-201A	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
S.T.	AU	us-5,204,118	04-20-1993	Goldman et al.	
	AV	us-5,244,670	09-14-1993	Upson et al.	
	AW	us-5,288,506	02-22-1994	Spickett et al.	
	AX	us-5,304,540	04-19-1994	Blackburn et al.	
	AY	us-5,330,982	07-19-1994	Tyers	
	AZ	us-5,352,688	10-04-1994	Kaminski	
	BA	us-5,362,424	11-08-1994	Lee et al.	
	BB	us-5,385,739	01-31-1995	Debregeas et al.	
	BC	us-5,389,664	02-14-1995	Biale et al.	
	BD	us-5,399,700	03-21-1995	Min et al.	
	BE	us-5,417,980	05-23-1995	Goldman et al.	
	BF	us-5,433,959	07-18-1995	Makino et al.	
	BG	us-5,508,041	04-16-1996	Lee et al.	
	BH	us-5,518,730	05-21-1996	Fuisz	
	BI	us-5,599,794	02-04-1997	Eek et al.	
	BJ	us-5,620,964	04-15-1997	Roth et al.	
	BK	us-5,622,717	04-22-1997	Fuisz	
	BL	us-5,637,320	06-17-1997	Bourke et al.	
	BM	us-5,639,478	06-17-1997	Makino et al.	
S.T.	BN	us-5,693,818	12-02-1997	Von Unge	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
S.T.	CK	CA	1,129,417	08-10-1982	Junggren et al.	
	CL	CA	1,234,118	03-15-1988	Brandstrom et al.	
	CM	CA	1,263,119	11-12-1989	Kato et al.	
	CN	CA	1,264,751	01-23-1990	Brandstrom	
	CO	CA	1,292,693	12-03-1991	Lovgren et al.	
	CP	CA	1,302,891	06-09-1992	Lovgren et al.	
	CQ	CA	1,324,758	11-30-1993	Ruwart et al.	
	CR	CA	1,338,377	06-11-1996	Makino et al.	
	CS	CA	2,037,101	03-18-1997	Sik et al.	
S.T.	CT	CA	2,046,364	01-06-1993	Tanberk et al.	

Examiner Signature	S.T.	Date Considered	10/12/04
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**C mplete if Known**

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Chih-Ming Chen
Art Unit	
Examiner Name	
Attorney Docket Number	141-201A

[illegible]

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)				
S.T.	CU	CA 2,083,605	12-08-1991	Brandstrom		
	CV	CA 2,139,653	12-08-1994	Lindberg et al.		
	CW	CA 2,140,347	02-03-1994	Nakanishi et al.		
	CX	CA 2,166,483	09-16-1997	Bengtsson et al.		
	CY	CA 2,166,794	03-04-1997	Kallstrom et al.		
	CZ	CA 2,170,647	01-25-1996	Bergstrand et al.		
	DA	CA 2,193,681	01-25-1996	Bengtsson et al.		
	DB	GB 1,234,058	06-03-1971	Kalman et al.		
S.T.	DC	EP 124,495	07-11-1984	Brandstrom		

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Date  
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Chih-Ming Chen
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	141-201A
Sheet 4	of 7		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
S.T.	EA	L. Olbe, S.E. et al., Present Situation and Future Prospects of Medical Treatment., Gastrins and the Vagus, Academic Press p. 245-250, 1979.	
	EB	Ekenved et al. "Studies with H 168/68, a Novel Gastric Acid Secretion Inhibition., Gut, Vol. 22, p. A877, No. 10, October 1981.	
	EC	Erik Fellenius et al., Substituted Benzimidazoles Inhibit Gastric Acid Secretion by Blocking (H <sup>+</sup> + K <sup>+</sup> ) ATPase, Nature, Vol. 290, p. 159-161, March 12, 1981.	
	ED	Tore Lind, et al. Effect of Omeprazole - A Gastric Proton Pump Inhibitor on Pentagastrin Stimulated Acid Secretion in Man., Gut, Vol. 24 p. 270-276, 1983.	
	EE	K-Fr Sewin et al., Effect of Substituted Benzimidazoles on Acid Secretion in Isolated and Enriched Guinea Pig Parietal Cells., Gut, Vol. 24 p. 557-560, June 1983.	
	EF	Haken Larsson et al., Inhibition of Gastric Acid Secretion by Omeprazole in the Dog and the Rat. Gastroenterology, Vol. 85 p. 900-907, October 1983.	
	EG	Walter Londong et al. Dose-Response Study of Omeprazole on Meal Stimulated Gastric Acid and Gastrin Release., Gastroenterology, Vol. 85 p. 1373-1378, December 1983.	
S.T.	EH	Stanislaw J., Effects of Omeprazole, a Substituted Benzimidazole, on Gastrointestinal Secretions, Serum Gastrin and Gastric Mucosal Blood Flow in Dogs., Gastroenterology, Vol. 86 p. 71-77 January 1984	
	EI	D.A. Henry et al., Omeprazole: Effects on Oxidative Drug Metabolism., British Journal of Clinical Pharmacology, Vol. 18, p. 195-200, August 1984.	
	EJ	B.K. Sharma et al. Optimal Dose of Oral Omeprazole for Maximal 24 Hour Decrease of Intragastric Acidity., Gut, Vol. 25, p. 957-964, September 1984.	
	EK	H.P.M. Festen et al., Effect of Oral Omeprazole on Serum Gastrin and Serum Pepsinogen I Levels., Gastroenterology, Vol. 87 p. 1030-1034, November 1984.	

Examiner Signature	S.T.	Date Considered	10/12/04
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		Filing Date	Concurrently Herewith
		First Named Inventor	Chih-Ming Chen
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	141-201A
Sheet 5	of 7		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
EL	EL	Peter Prichard et al. Omeprazole: A Study of Its Inhibition of Gastric pH and Oral Pharmacokinetics After Morning or Evening Dosages., Gastroenterology, Vol. 88, p. 64-69 January 1985.	
EM	EM	K.O. Borg and L. Olbe, Omeprazole - A Survey of Preclinical Data., Gastroenterology, p. 15-22, 37-51, 71-77, 79-93, 105-120, June 1985.	
EN	EN	50th Edition of Physician's Desk Reference p. 529-531, 1996.	
EO	EO	K.O. Borg, and L. Olbe, Proceedings of the First International Symposium on Omeprazole Supplement to the Scandinavian Journal of Gastroenterology, pp. 11-17, 31-38, 54-56, 59-60, 75-78, 89-135, 179, 182-183, 187-195, 1996.	

Examiner Signature	EL	Date Considered	10/12/04
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